

METHOD FOR ATTACHING HEADER TO COMMUNICATION PACKET

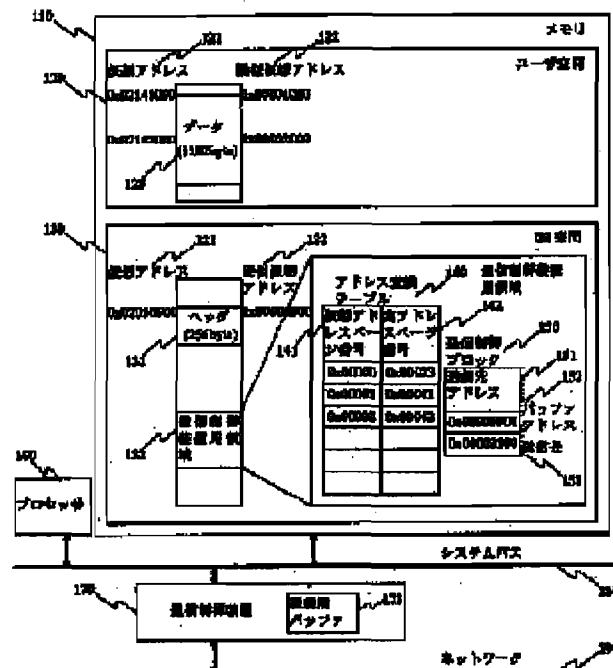
Publication number: JP2000112849
Publication date: 2000-04-21
Inventor: FUKUOKA YASUKO; KIKUCHI MASAHIRO
Applicant: HITACHI LTD
Classification:
- international: G06F13/00; G06F13/00; (IPC1-7): G06F13/00
- european:
Application number: JP19980286296 19981008
Priority number(s): JP19980286296 19981008

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Abstract of JP2000112849

PROBLEM TO BE SOLVED: To shorten the transfer time and to reduce the load on a CPU by reducing the copying of a memory at the time of transmitting/receiving data.

SOLUTION: Continuous false virtual addresses are set up in an address conversion table 140 and a control block 150 included in a communication controller 170 provided with a DMA function as the substitutes of virtual memory addresses and the buffers of a header part 131 and a data part 123 are regarded as continued areas. Since the copying of transmitted/received data in the memory can be reduced without increasing overhead for the integration/division of the header part and the data part, the transfer time can be shortened and the load on the CPU can be reduced.



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